

## URETHANE-MODIFIED POLYESTER RESIN COMPOSITION

### ABSTRACT OF THE DISCLOSURE

5           A urethane-modified polyester resin composition used for undercoating a PCM  
steel sheet for home appliances or construction materials is produced by an addition  
reaction of a polyester resin having a hydroxyl value of about 10 to 50 mgKOH/g and  
a weight average molecular weight of about 5,000 to 20,000 and isocyanate. The  
isocyanate is reacted with the polyester resin in a proportion of 20 to 80% with  
10       respect to an equivalent weight of the polyester resin. A paint including the urethane-  
modified polyester resin composition has improved adhesion between the undercoat  
film and a substrate or topcoat film and has enhanced processibility.